

Hersheys chocolate Equation

$$y = \overset{m}{.061}x + \overset{b}{0}$$

$m = .061$, the slope / how much hershey farmers get paid

~~b~~ $= 0$ the y-intercept / the amount of bars they start with

Theo's Chocolate Table

X	Y
0	0¢
1	36¢
2	72¢
3	\$1.08
4	\$1.44
5	\$1.80
6	\$2.16

Diagram illustrating the constant rate of change (36¢) between consecutive Y values:

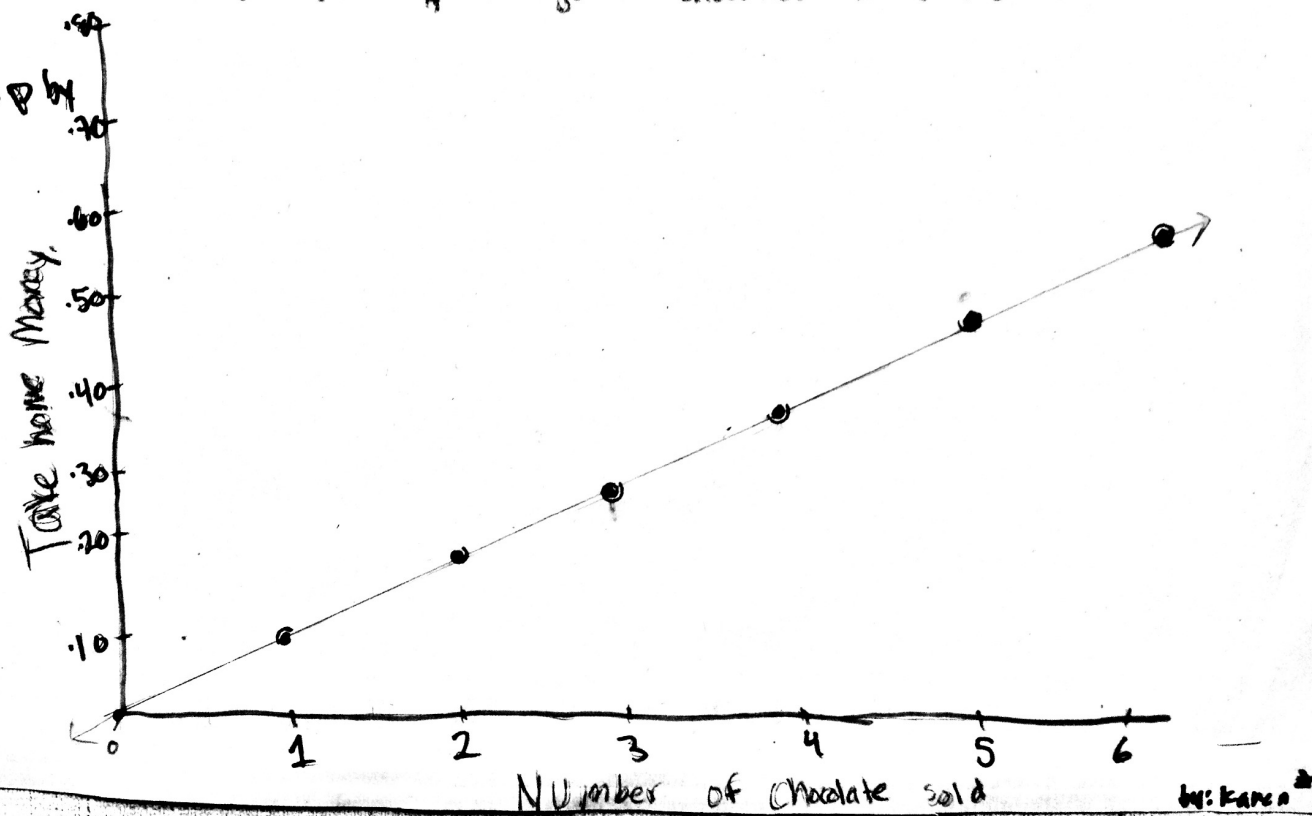
- 0¢ to 36¢: 36¢
- 36¢ to 72¢: 36¢
- 72¢ to 1.08: 36¢
- 1.08 to 1.44: 36¢
- 1.44 to 1.80: 36¢
- 1.80 to 2.16: 36¢

The rate of change is 36¢ because
Y is increasing by 36¢

Nestle chocolate Graph:

Take home \$ for regular chocolate for Nestle

Scale: going up by
10¢.



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